

Converting Colors

$Y_{xy}(10.3460, 0.3177, 0.4119)$

Have a look what the booklet for
Yxy(10.3460, 0.3177, 0.4119)
contains.

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Color

$Y_{xy}(10.3205, 0.3175, 0.4132)$

Conversions

Conversions Part 1

Format	Color
Hex	486142
RGB	72, 97, 66
RGB Percent	28%, 38%, 26%
CMY	0.7176, 0.6196, 0.7412
CMYK	0.26, 0.00, 0.32, 0.62
HSL	108°, 19%, 32%
HSV	108°, 32%, 38%
XYZ	7.9302, 10.3205, 6.7263
YIQ	85.9910, -4.9490, -14.9410

Conversions

Conversions Part 2

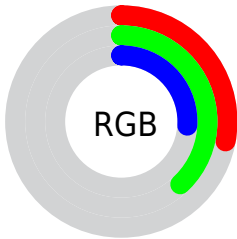
Format	Color
RYB	66, 97, 91
Decimal	4743490
CIELab	38.41, -16.05, 14.75
CIElCh	38, 21.798, 137.414
Yxy	10.3205, 0.3175, 0.4132
Android (android.graphics.Color)	4282933570 (0xFF486142)
YUV	85.9910, -9.8556, -12.2701
Hunter-Lab	32.1255, -12.1569, 10.0740

Details

The Yxy color **10.3205, 0.3175, 0.4132** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6.9819, 0.3049, 0.2528**, and the grayscale version is **9.3261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4597, 0.3170, 0.3899**, and **2.5761, 0.3154, 0.4651** is the 20% darker color. If you saturate the color by 10%, you get **9.9344, 0.3183, 0.4440**, and if you desaturate by 10%, it is **10.7652, 0.3163, 0.3842**.

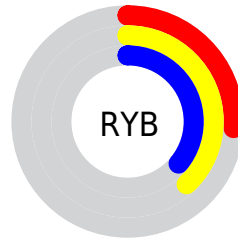
Distribution



Red (28%)

Green (38%)

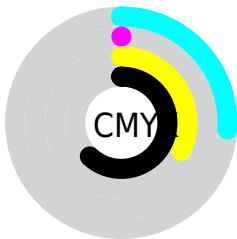
Blue (26%)



Red (26%)

Yellow (38%)

Blue (36%)

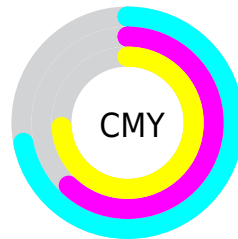


Cyan (26%)

Magenta (0%)

Yellow (32%)

Black (62%)



Cyan (72%)


Magenta (62%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3205, 0.3175, 0.4132 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 10.3205, 0.3175, 0.4132 by changing the saturation by 10% instead.


 10.3205, 0.3175,
0.4132


 10.3205, 0.3175,
0.4132


 192.9445, 0.3155,
0.3590


 5.6120, 0.3172,
0.4340

 26.3966, 0.3171,
0.3892


 2.6106, 0.3156,
0.4682

 38.5330, 0.3168,
0.3816

 0.9320, 0.3461,
0.6539

 53.9141, 0.3165,
0.3758

 0.0000, 0.0000,
0.0000

 72.9243, 0.3163,
0.3711

 95.9481, 0.3161,
0.3672

 123.3698, 0.3159,

0.3640

155.5738, 0.3157,
0.3613

■ 10.3205, 0.3175,
0.4132

■ 10.3205, 0.3175,
0.4132

■ 9.9344, 0.3183,
0.4440

■ 10.7652, 0.3163,
0.3842

■ 9.6031, 0.3184,
0.4755

■ 11.2693, 0.3148,
0.3576

■ 9.3245, 0.3179,
0.5065


■ 11.8355, 0.3131,
0.3335

■ 9.0957, 0.3165,
0.5352


■ 12.4658, 0.3113,
0.3119

■ 8.9137, 0.3142,
0.5597

■ 13.1622, 0.3095,
0.2929

 8.7748, 0.3113,
0.5787

 13.9264, 0.3077,
0.2760

 8.6865, 0.3096,
0.5924

 14.7604, 0.3059,
0.2613

 15.6657, 0.3043,
0.2483

 16.6442, 0.3027,
0.2369

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.3205, 0.3659, 0.4190



10.3205, 0.3175, 0.4132



10.3205, 0.2700, 0.3779

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.3205, 0.3175, 0.4132



10.3205, 0.2290, 0.2561



10.3205, 0.3952, 0.3222

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



10.3205, 0.3175, 0.4132



6.9819, 0.3049, 0.2528

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.3205, 0.3528, 0.2860



10.3205, 0.3175, 0.4132



10.3205, 0.2569, 0.2489

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10.3205, 0.3175, 0.4132



10.3205, 0.2215, 0.2832



10.3205, 0.3014, 0.2600



10.3205, 0.4133, 0.3621

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



10.3205, 0.3175, 0.4132



10.3205, 0.2451, 0.3447



10.3205, 0.3014, 0.2600



10.3205, 0.3831, 0.3094

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



10.3209, 0.3175, 0.4132



19.4711, 0.3145, 0.3533



10.3829, 0.3614, 0.3893



4.8122, 0.3146, 0.3557



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.3209, 0.3175, 0.4132



17.2075, 0.3181, 0.4350



10.2199, 0.2967, 0.3887



2.8774, 0.3143, 0.3498



11.8002, 0.3087, 0.5931



62.7352, 0.3058, 0.5954

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6.9819, 0.3049, 0.2528



10.5487, 0.3025, 0.2354



7.1362, 0.3337, 0.2760



2.6058, 0.3110, 0.3087



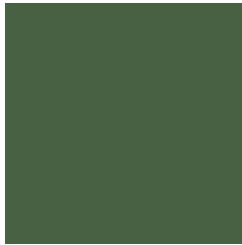
3.3708, 0.2744, 0.1285



17.6427, 0.2715, 0.1269

Previews

White Background



This preview shows how the Yxy color 10.3205, 0.3175, 0.4132 looks on a white background.

Color Contrast Check

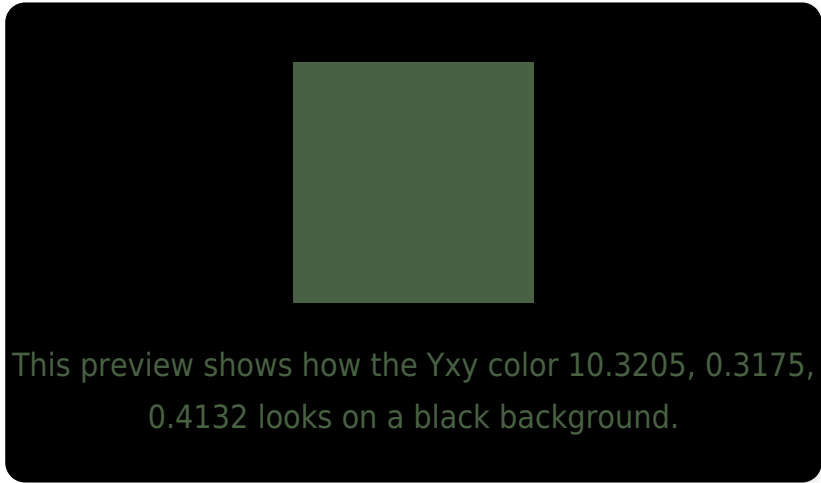
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.3205, 0.3175, 0.4132

Background



This preview shows how black text looks on a background with the Yxy color 10.3205, 0.3175, 0.4132.



This preview shows how white text looks on a background with the Yxy color 10.3205, 0.3175, 0.4132.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

10.3205, 0.3175, 0.4132

Protanopia

10.2126, 0.3666, 0.3948

Deuteranopia

10.1371, 0.3774, 0.3709



Tritanopia

10.3685, 0.2811, 0.3115

Trichromacy



Original Color

10.3205, 0.3175, 0.4132

Protanomaly

10.2736, 0.3476, 0.4028

Deuteranomaly

10.0973, 0.3550, 0.3861

Tritanomaly

10.2465, 0.2940, 0.3445

Monochromacy



Original Color

10.3205, 0.3175, 0.4132

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.6262, 0.3146, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3205, 0.3175, 0.4132 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(72, 97, 66)` looks like.

```
.text, #text, p{  
    color:rgb(72, 97, 66)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(72, 97, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 97, 66) }
```

Border

The CSS property to change the border of an element to Yxy 10.3205, 0.3175, 0.4132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(72, 97, 66) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(72, 97, 66) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(72, 97, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 97, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 97, 66);  
box-shadow:4px 4px 4px 4px rgb(72, 97, 66)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.3205, 0.3175, 0.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 97, 66) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(72, 97,  
66) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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